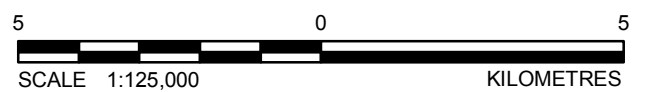


**LEGEND**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li> JACKPINE EXPANSION MINING AREA LOCAL STUDY AREA</li> <li> PROJECT FOOTPRINT</li> <li> LENTICULAR FEN</li> <li> OPEN WATER</li> <li> ROAD</li> <li><b>DRAWDOWN ISOBAR</b></li> <li> 0.1 m - JACKPINE MINE EXPANSION AREA</li> <li> 1.0 m - JACKPINE MINE EXPANSION AREA</li> <li> 0.1 m - JACKPINE MINE PHASE 1</li> <li> 1.0 m - JACKPINE MINE PHASE 1</li> <li><b>DISTURBED</b></li> <li> EXISTING AND APPROVED URBAN AND INDUSTRIAL DISTURBANCE</li> <li> EXISTING AND APPROVED URBAN AND INDUSTRIAL LINEAR DISTURBANCE</li> </ul> | <ul style="list-style-type: none"> <li><b>FEN WETLANDS TYPES</b></li> <li> FORESTED FEN (FFNN)</li> <li> GRAMINOID FEN (FONG)</li> <li> SHRUBBY FEN (FONS)</li> <li> PATTERNED FEN (FOPN)</li> <li> WOODED FEN WITH INTERNAL LAWN (FTNI)</li> <li> WOODED FEN (FTNN)</li> <li> WOODED PATTERNED FEN (FTPN)</li> </ul> |
|--|---|



PROJECT		JACKPINE MINE EXPANSION & PIERRE RIVER MINE PROJECT	
TITLE		FENS POTENTIALLY AFFECTED BY GROUNDWATER DRAWDOWN WITHIN THE JACKPINE EXPANSION MINING AREA LOCAL STUDY AREA	
PROJECT NO.	06-1346-022.7600	SCALE AS SHOWN	REV. 0
DESIGN	AA 13 Sep. 2007	<b>FIGURE 3-4</b>	
GIS	VR 05 Dec. 2007		
CHECK	AA 06 Dec. 2007		
REVIEW	TC 06 Dec. 2007		

**REFERENCE**  
 Alberta digital data obtained from AltaLIS Ltd. (September 2004), IHS Energy Ltd. (August 2006), Alberta Pacific Ltd. (April 2004), and Alberta SRD, used under license.  
 Projection: UTM Zone 12 Datum: NAD 83